

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042905.D
 Acq On : 07 Aug 2024 10:58
 Operator : JC/MD
 Sample : VX0807WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 01:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Compound	R.T.	T.Q	Ion	Response	Conc	Units	Dev(Min)

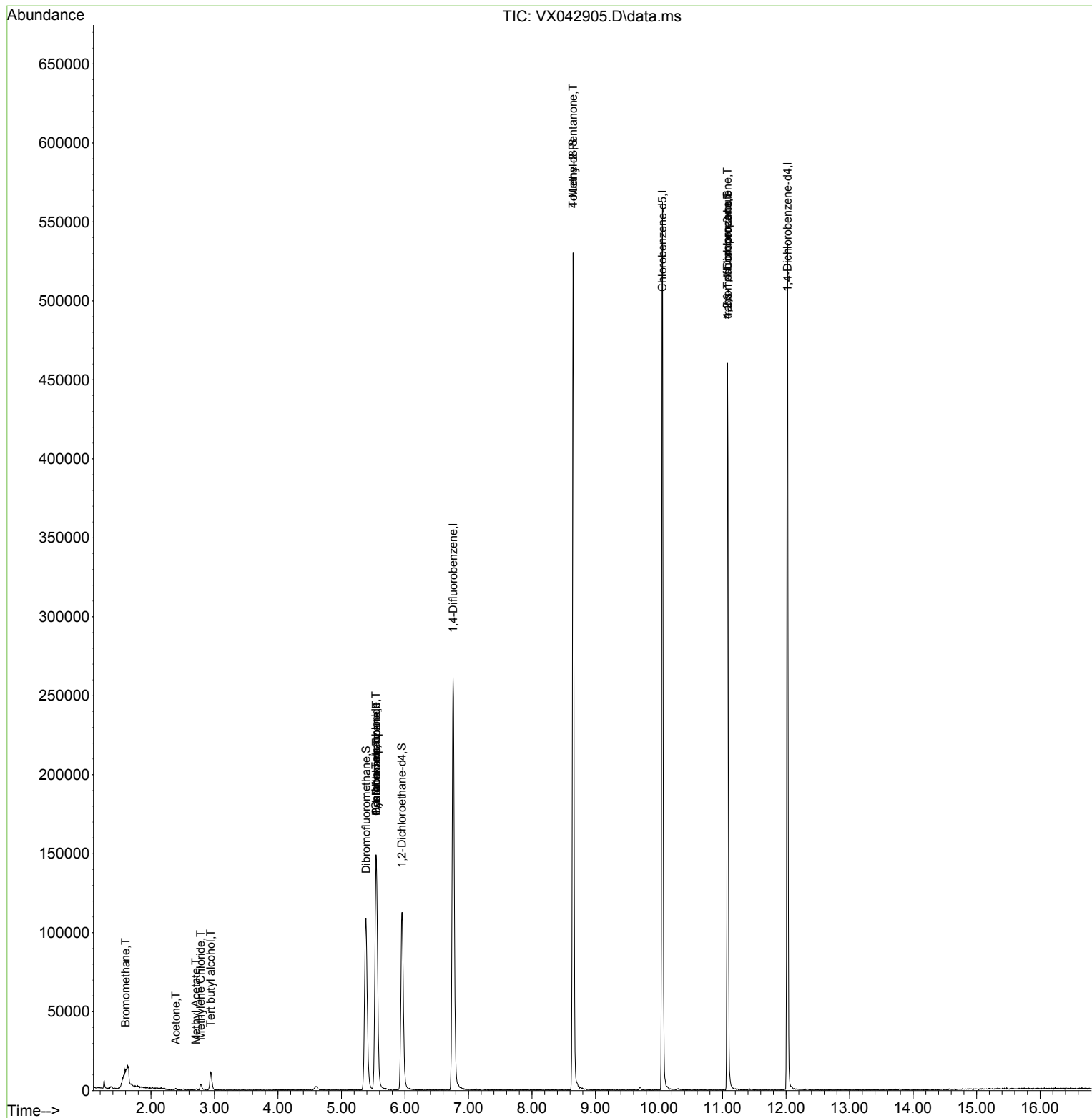
Internal Standards							
1) Pentafluorobenzene	5.550	168		142411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114		273368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		269571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		117429	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65		114922	58.783	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.560	%#
35) Dibromofluoromethane	5.385	113		97797	54.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.420	%
50) Toluene-d8	8.647	98		327198	51.565	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.120	%
62) 4-Bromofluorobenzene	11.079	95		125283	54.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.880	%
Target Compounds							
							Qvalue
5) Bromomethane	1.599	94		743	0.774	ug/l #	77
11) Tert butyl alcohol	2.940	59		6870	17.667	ug/l #	78
16) Acetone	2.392	43		1009	1.190	ug/l #	78
18) Methyl Acetate	2.709	43		931	0.346	ug/l #	71
20) Methylene Chloride	2.782	84		2153	0.315	ug/l #	75
31) Cyclohexane	5.550	56		3193	1.305	ug/l #	23
36) 1,1-Dichloropropene	5.550	75		11764	4.854	ug/l #	51
38) Carbon Tetrachloride	5.544	117		15352	5.612	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43		1579	0.526	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75		62325	23.599	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75		62325	76.734	ug/l #	5

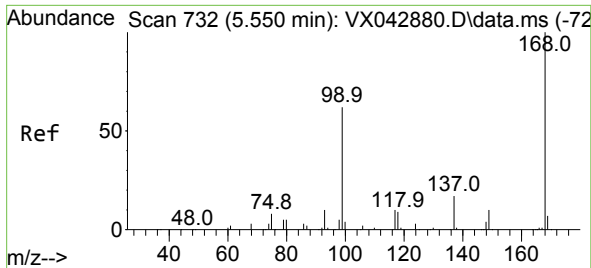
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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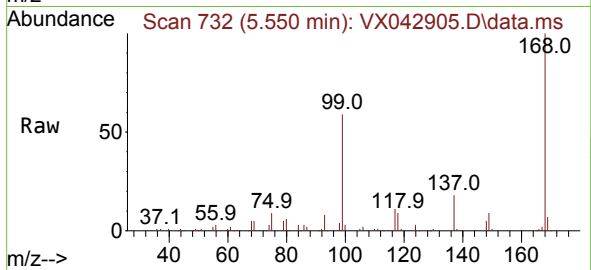
Quant Time: Aug 08 01:59:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



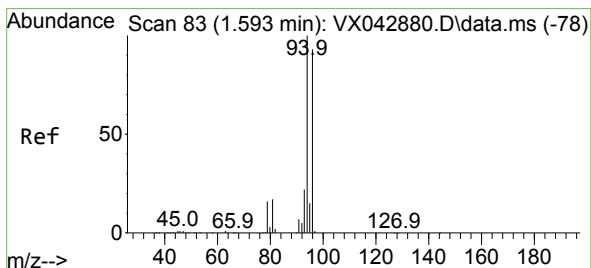
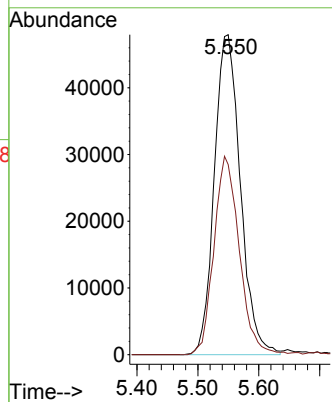
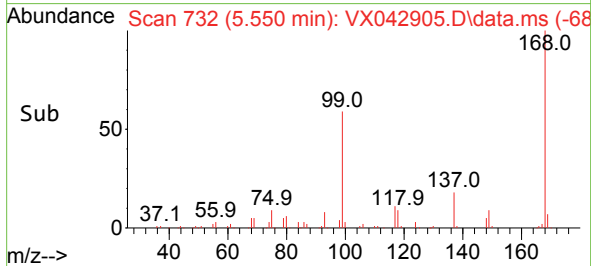


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :

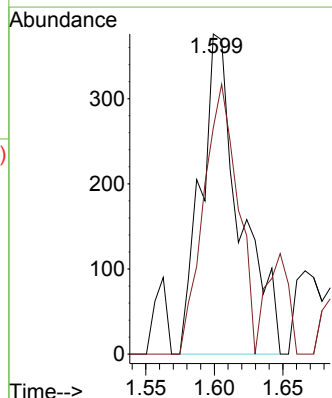
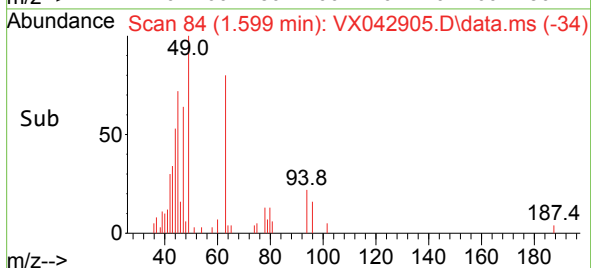
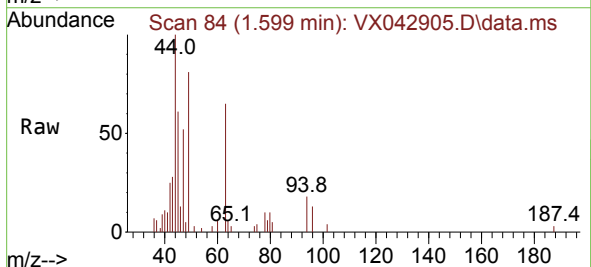


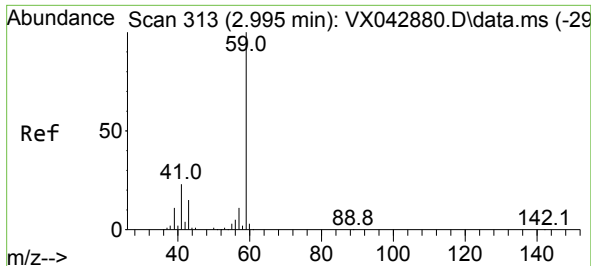
Tgt Ion:168 Resp: 142411
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#5
Bromomethane
Concen: 0.774 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Tgt Ion: 94 Resp: 743
Ion Ratio Lower Upper
94 100
96 70.7 74.6 111.8#





#11

Tert butyl alcohol

Concen: 17.667 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

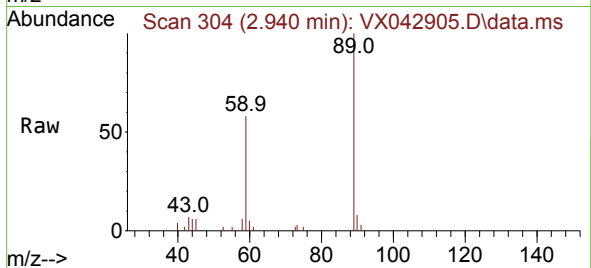
Lab File: VX042905.D

Acq: 07 Aug 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

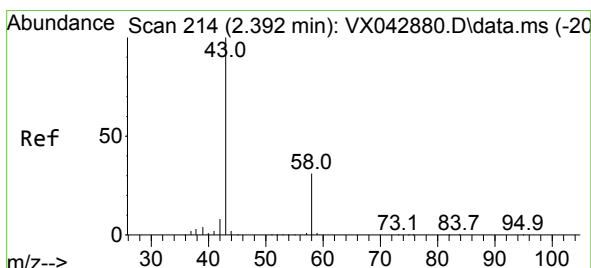
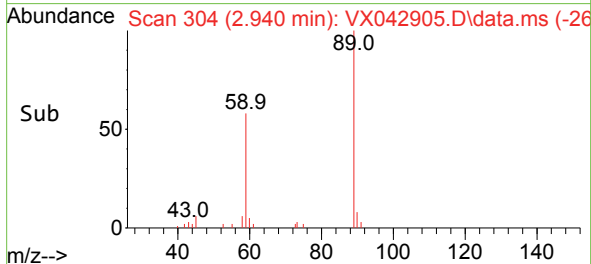
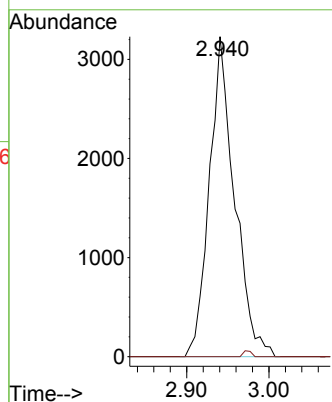


Tgt Ion: 59 Resp: 6870

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.190 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042905.D

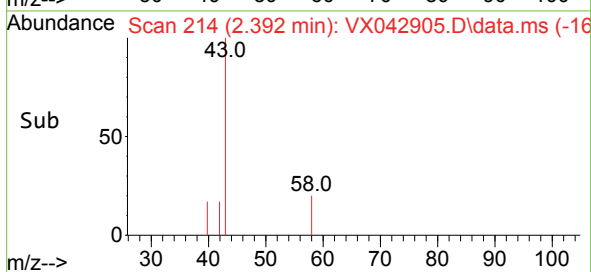
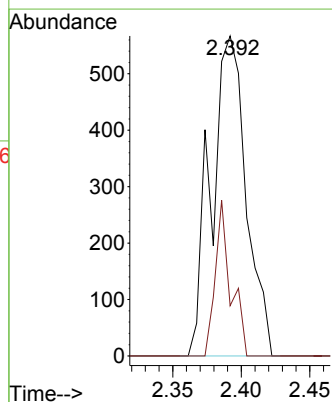
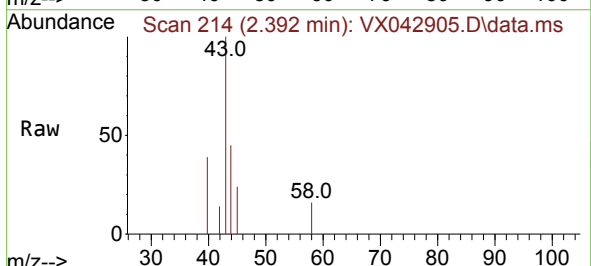
Acq: 07 Aug 2024 10:58

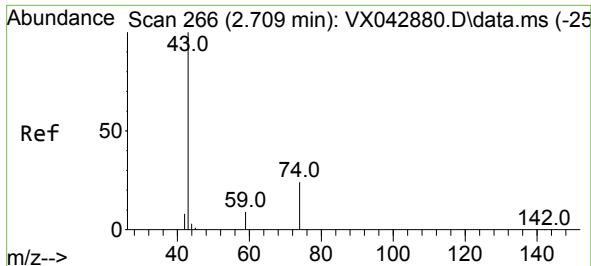
Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

58 15.7 21.9 32.9#

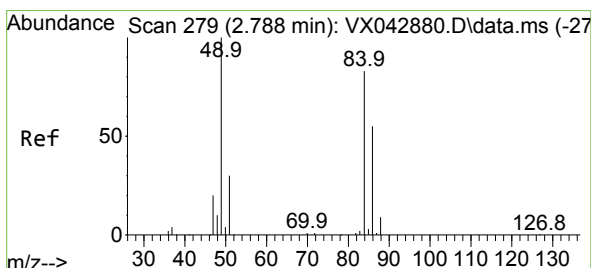
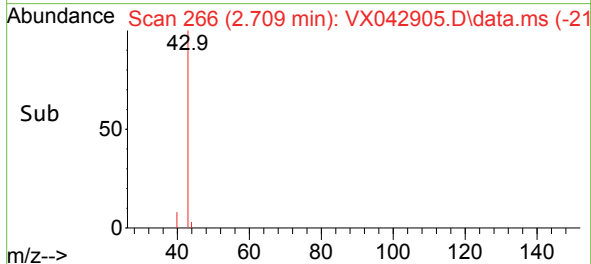
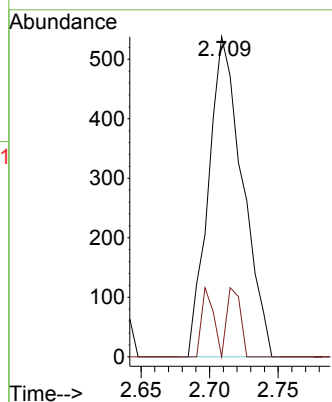
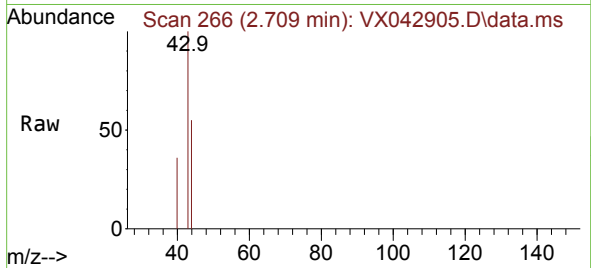




#18
Methyl Acetate
Concen: 0.346 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

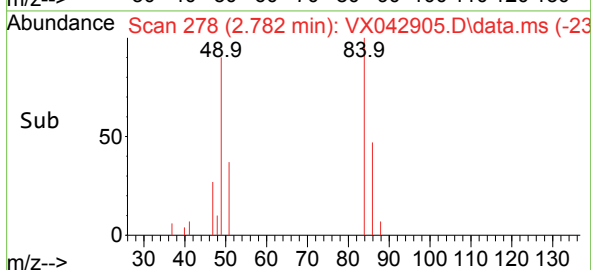
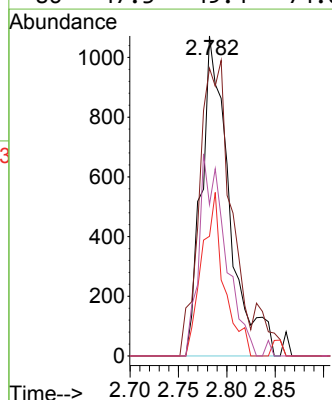
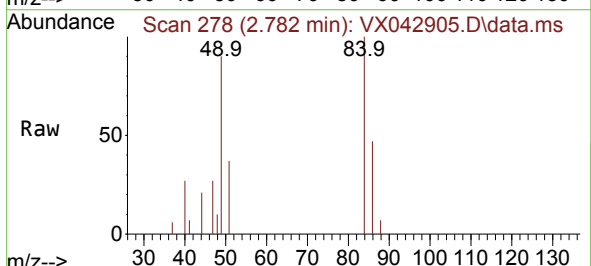
Instrument :
MSVOA_X
ClientSampleId :

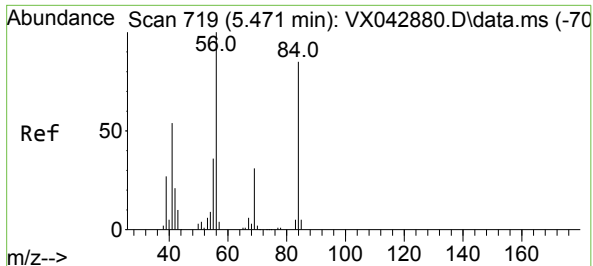
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
74 8.5 17.8 26.8#



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

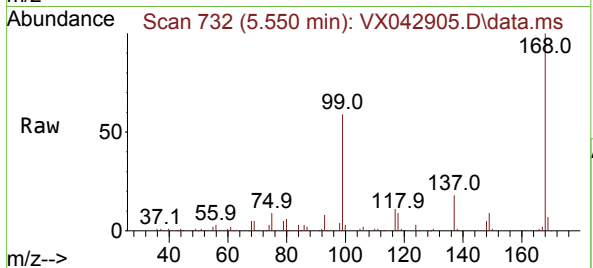
Tgt Ion: 84 Resp: 2153
Ion Ratio Lower Upper
84 100
49 89.9 103.6 155.4#
51 37.4 33.8 50.6
86 47.3 49.4 74.0#



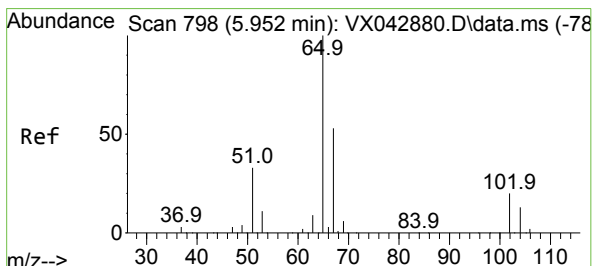
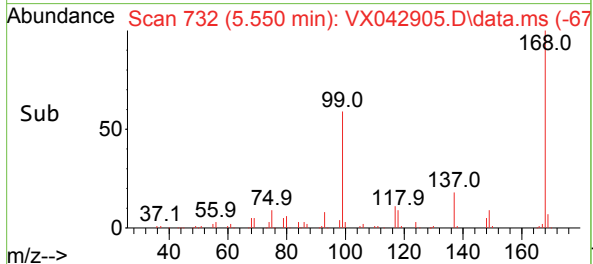
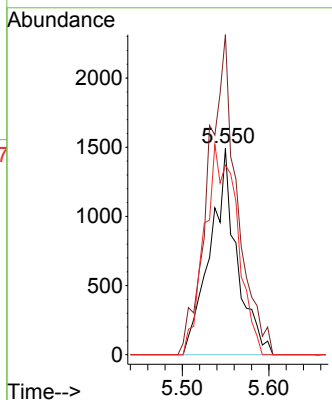


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :

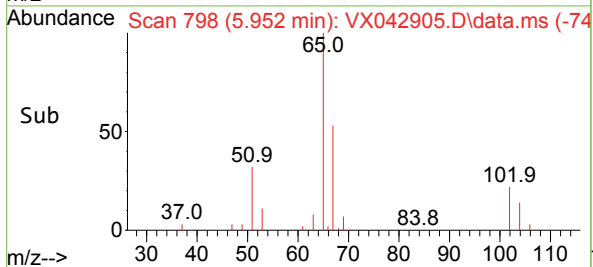
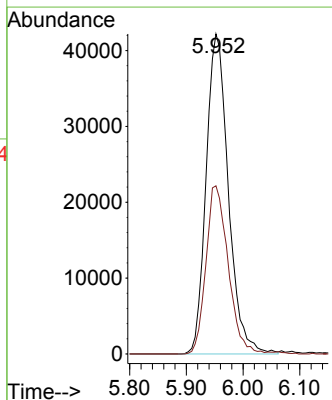
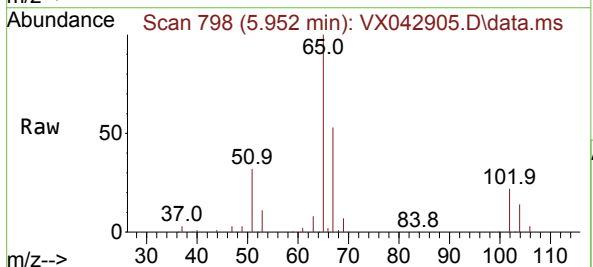


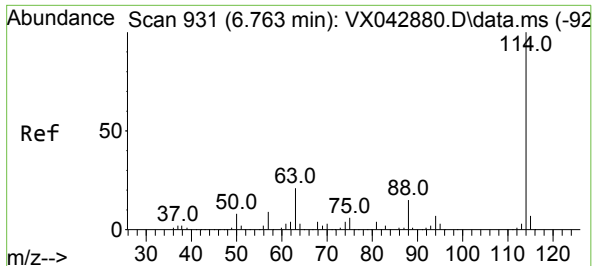
Tgt Ion: 56 Resp: 3193
Ion Ratio Lower Upper
56 100
69 155.1 23.4 35.2#
84 101.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 58.783 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

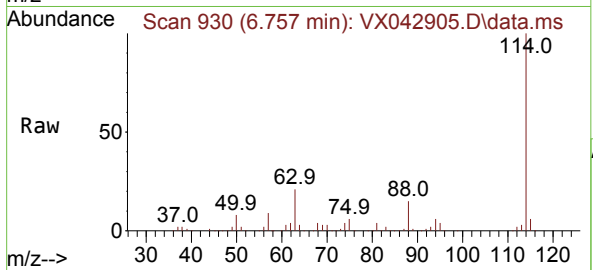
Tgt Ion: 65 Resp: 114922
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



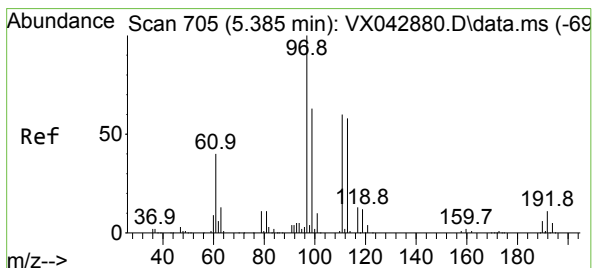
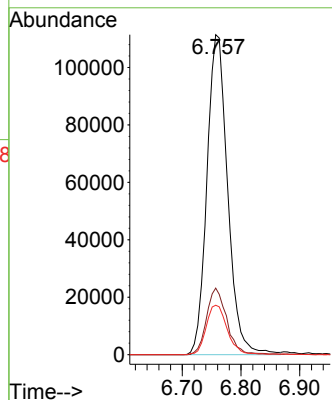
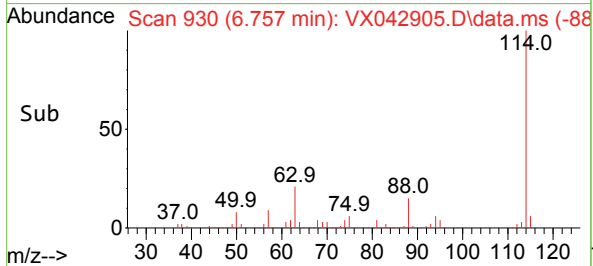


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :

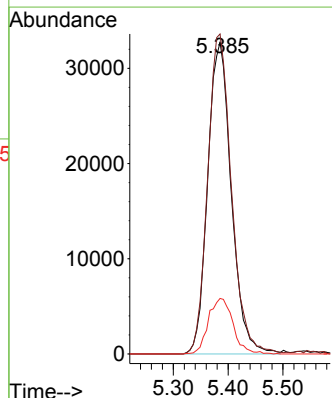
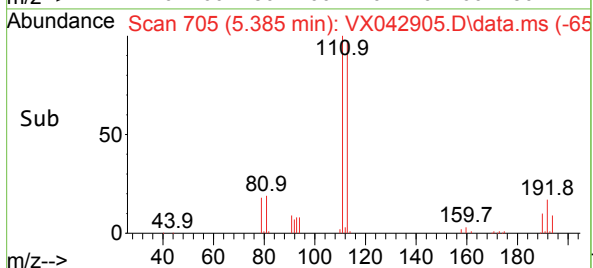
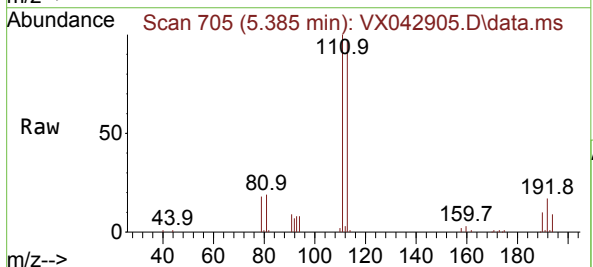


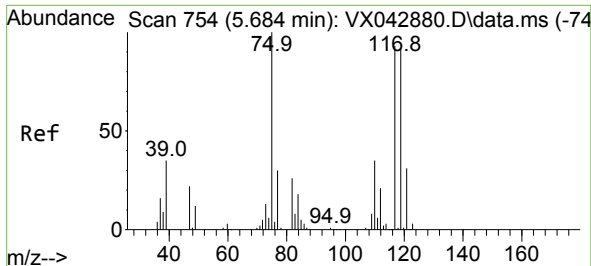
Tgt Ion:114 Resp: 273368
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.714 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

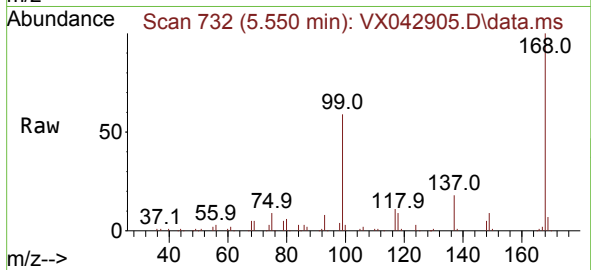
Tgt Ion:113 Resp: 97797
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.6 13.3 19.9



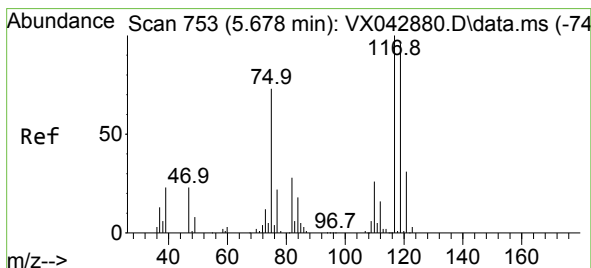
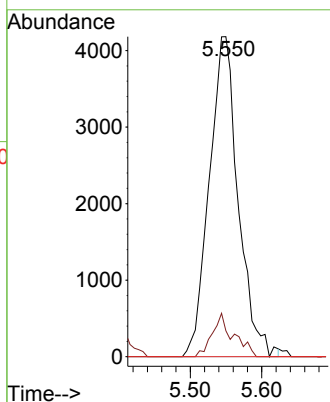
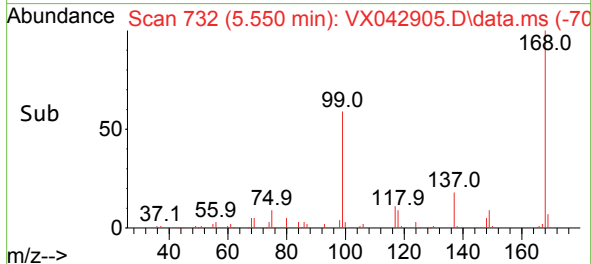


#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Instrument :
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ClientSampleId :

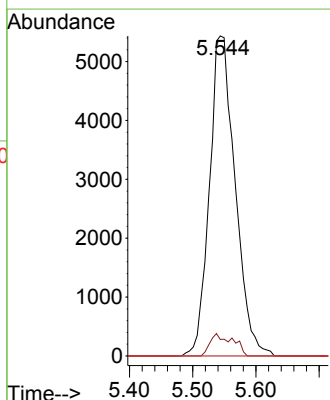
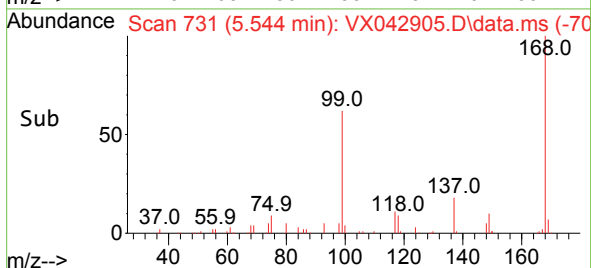
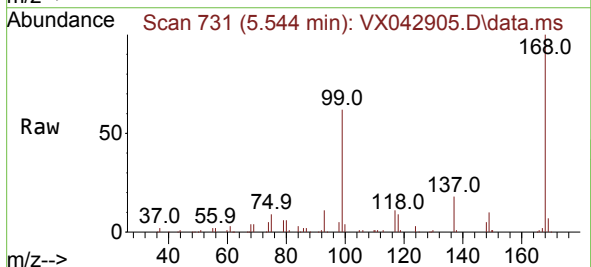


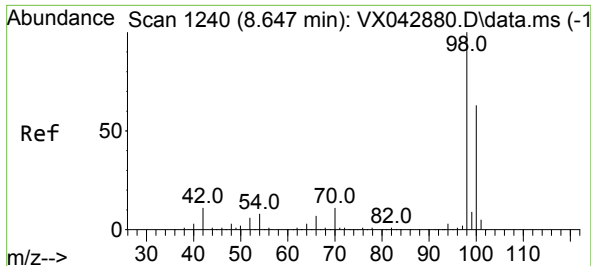
Tgt Ion: 75 Resp: 11764
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Tgt Ion: 117 Resp: 15352
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

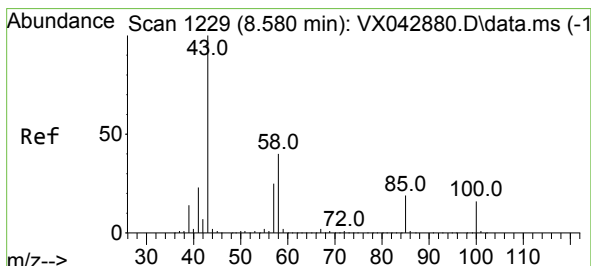
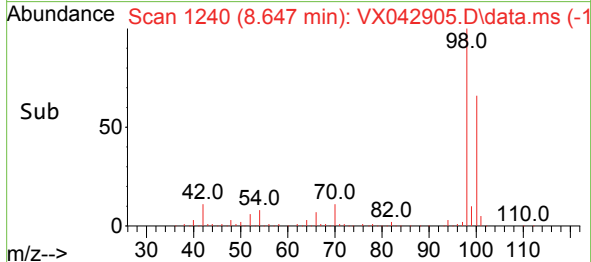
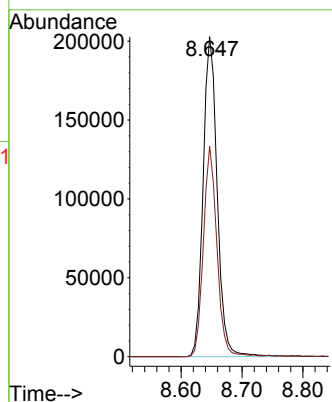
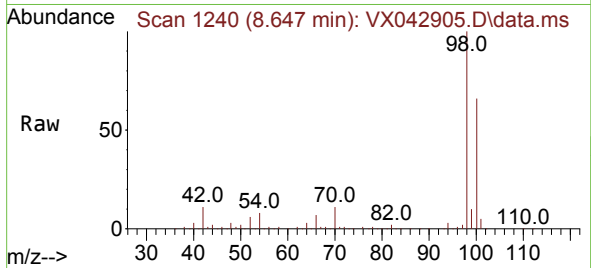




#50
Toluene-d8
Concen: 51.565 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

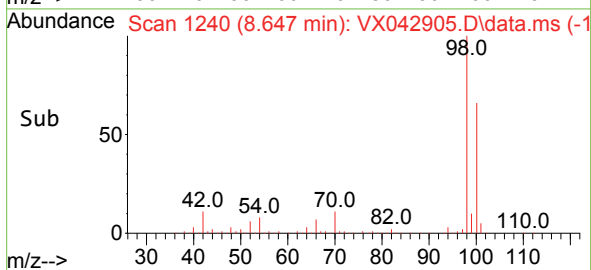
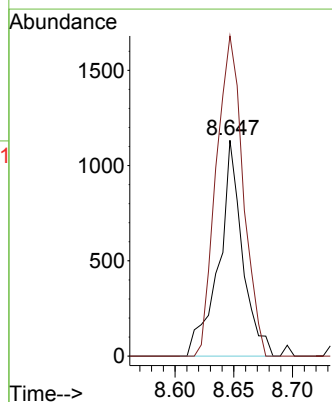
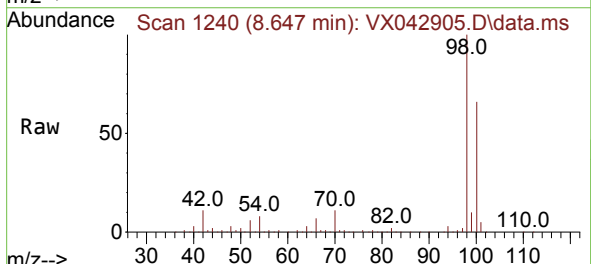
Instrument :
MSVOA_X
ClientSampleId :

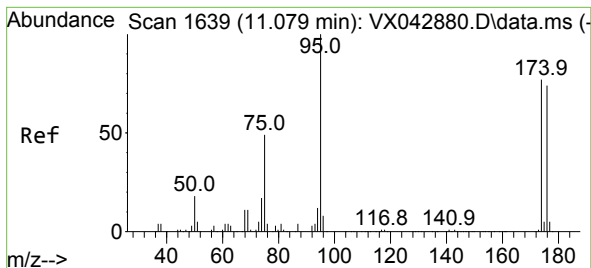
Tgt Ion: 98 Resp: 327198
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
58 170.2 30.4 45.6#

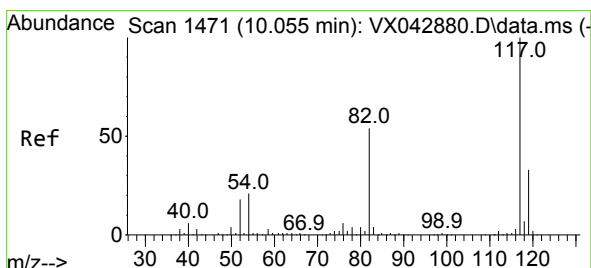
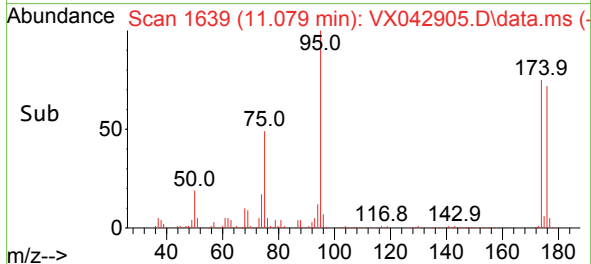
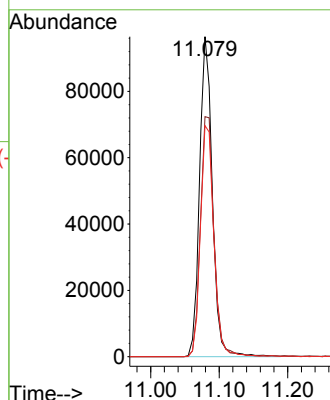
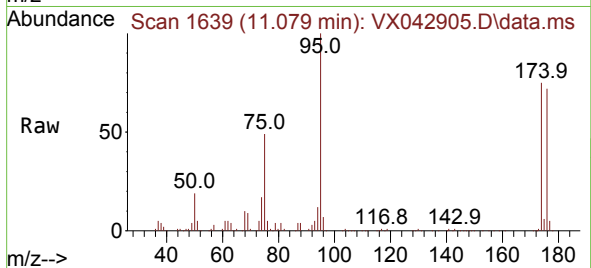




#62
4-Bromofluorobenzene
Concen: 54.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

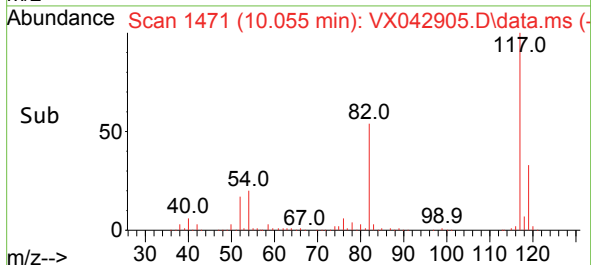
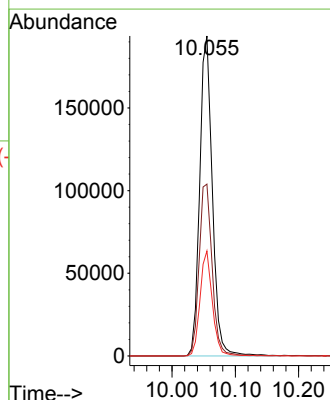
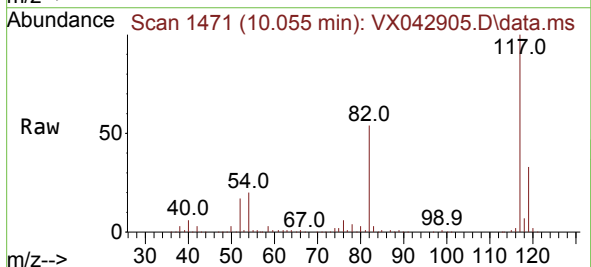
Instrument :
MSVOA_X
ClientSampleId :

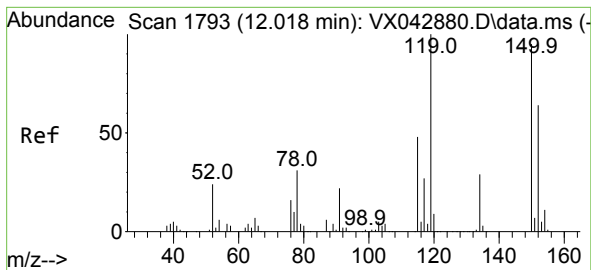
Tgt Ion: 95 Resp: 125283
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 76.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Tgt Ion: 117 Resp: 269571
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042905.D

Acq: 07 Aug 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

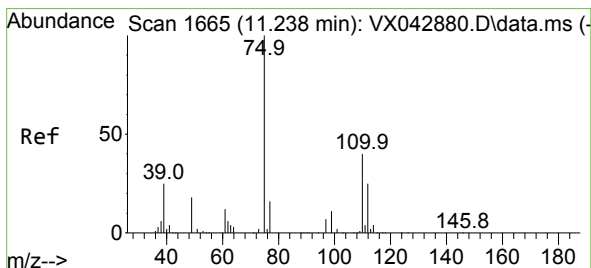
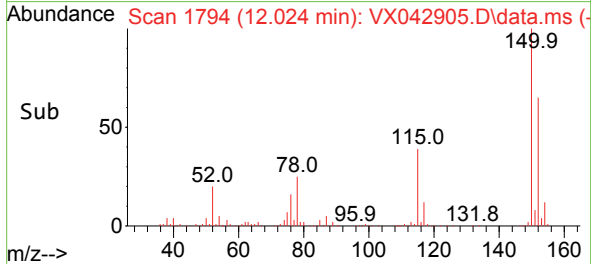
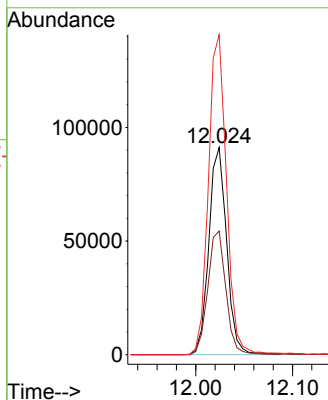
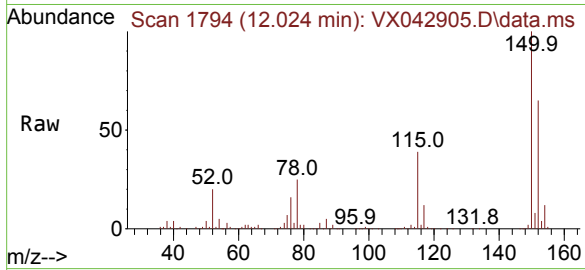
Tgt Ion:152 Resp: 117429

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 156.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042905.D

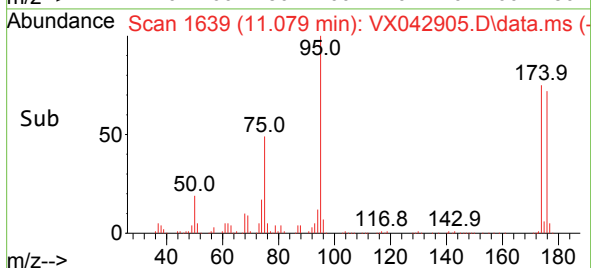
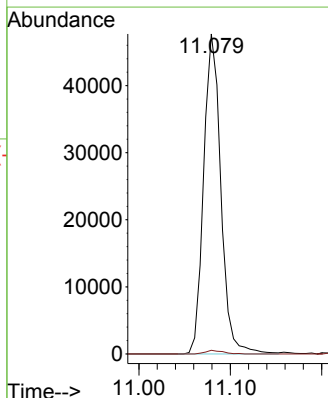
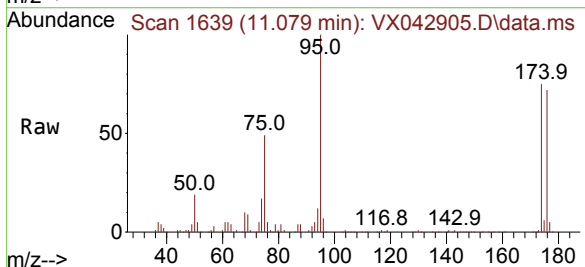
Acq: 07 Aug 2024 10:58

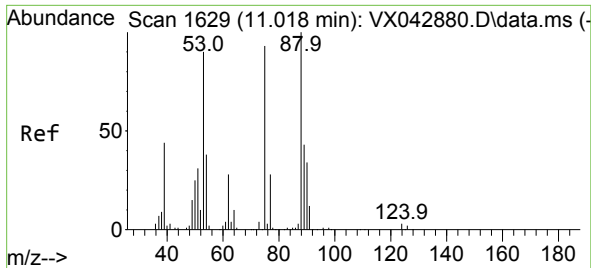
Tgt Ion: 75 Resp: 62325

Ion Ratio Lower Upper

75 100

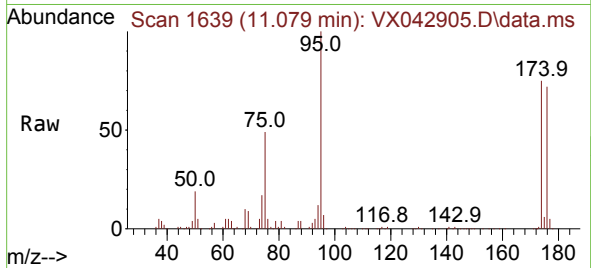
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.734 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042905.D
Acq: 07 Aug 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 62325
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

